

General Description

A multiple treatment system uses two or more BMPs in series. Some examples of multiple systems include: settling basin combined with a sand filter; settling basin or biofilter combined with an infiltration basin or trench; extended detention zone on a wet pond.

Inspection/Maintenance Considerations

Each of the separate treatment processes will require maintenance as described in the previous fact sheets. For example, multiple system comprises of a biofilter combined with an infiltration basin would require the inspection and maintenance considerations outlined on the fact sheet for each process.

Inspection Activities	Suggested Frequency
■ Refer to individual treatment control factsheets	As needed
Maintenance Activities	Suggested Frequency
■ Refer to individual treatment control factsheets	As needed

Maintenance Concerns, Objectives, and Goals

May include the following:

- Accumulation of Metals
- Aesthetics
- Channelization of Flow
- Clogging of the Outlet
- Endangered Species Habitat Creation
- Erosion
- Groundwater Contamination
- Hazardous Waste
- Hydraulic and Removal Efficiency
- Invasive Species Management
- Mechanical Malfunction
- Pollutant Breakthrough
- Re-suspension of settled material
- Sediment and Trash Removal
- Sedimentation
- Vector/Pest Control
- Vegetation harvesting
- Vegetation/Landscape Maintenance

Targeted Constituents

✓ Sediment	■
✓ Nutrients	●
✓ Trash	■
✓ Metals	■
✓ Bacteria	▲
✓ Oil and Grease	■
✓ Organics	■
✓ Oxygen Demanding	■

Legend (Removal Effectiveness)

- Low
- High
- ▲ Medium

